

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 July 2004 (01.07.2004)

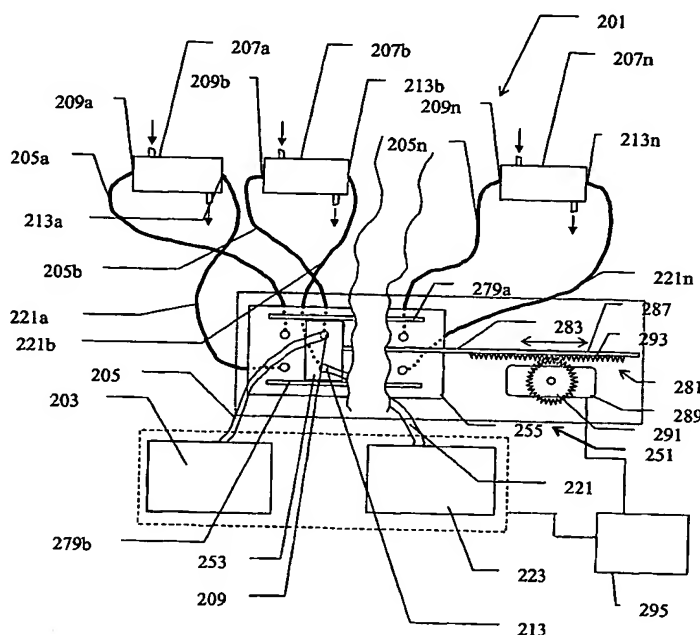
PCT

(10) International Publication Number
WO 2004/055567 A1

- (51) International Patent Classification⁷: **G02B 6/35** (74) Agents: FRANKS, Barry et al.; Amersham plc, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).
- (21) International Application Number: PCT/EP2003/014317
- (22) International Filing Date: 16 December 2003 (16.12.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0229336.3 17 December 2002 (17.12.2002) GB
- (71) Applicant (for all designated States except US): AMERSHAM BIOSCIENCES AB [SE/SE]; Bjorkgatan 30, S-751 84 Uppsala (SE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SALVEN, Owe [SE/SE]; Amersham Biosciences AB, Bjorkgatan 30, S-751 84 Uppsala (SE). TORMOD, Stig [SE/SE]; Amersham Biosciences AB, Bjorkgatan 30, S-751 84 Uppsala (SE).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report

[Continued on next page]

(54) Title: OPTICAL MULTIPLEXER FOR LIQUID SAMPLES IN A CONDUIT



(57) Abstract: Multiplexer for electromagnetic radiation, e.g. UV-light, in which a single electromagnetic radiation source (203) and a single electromagnetic radiation detector (223) are connectable in turn to a plurality of sample-containing units (207(a)-207(n)). The multiplexer comprises a sled (253) movable in relation to a fixed base (255) by an actuator (281).



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.